

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

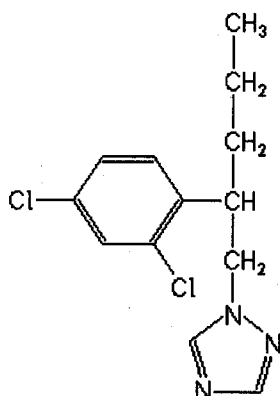
Analyte: Penconazole

CAS No.: 66246-88-6

Formula: C₁₃H₁₅Cl₂N₃

Molecular mass (lowest isotopes): 283,06 amu

Structure:



Ionisation: ESI +

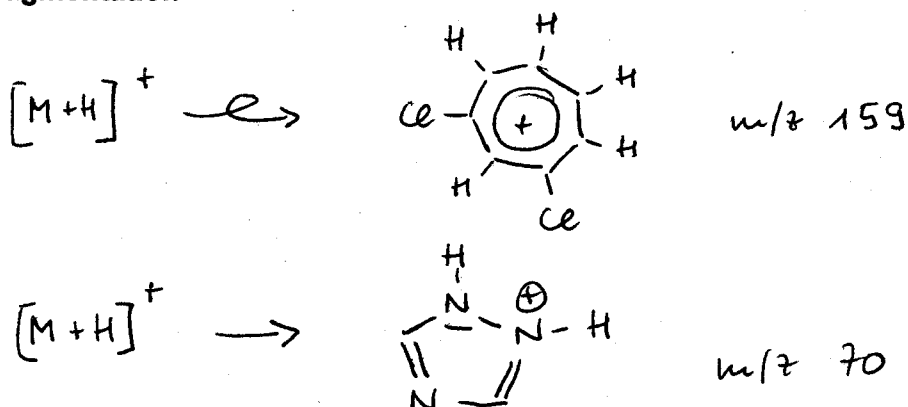
Quasimolecular ion: 284,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	284,1 → 158,9	284,1 → 70,1
Declustering potential (DP) ^{*)}	41 V	41 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,0 V	10,5 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	39 V	29 V
Collision cell exit potential (CXP)	8 V	4 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



Printing Date: Thursday, May 27, 2004

Acq. Time: 12:06

Acq te: Thursday, May 27, 2004

Acq. File: MT20040527120637.wiff

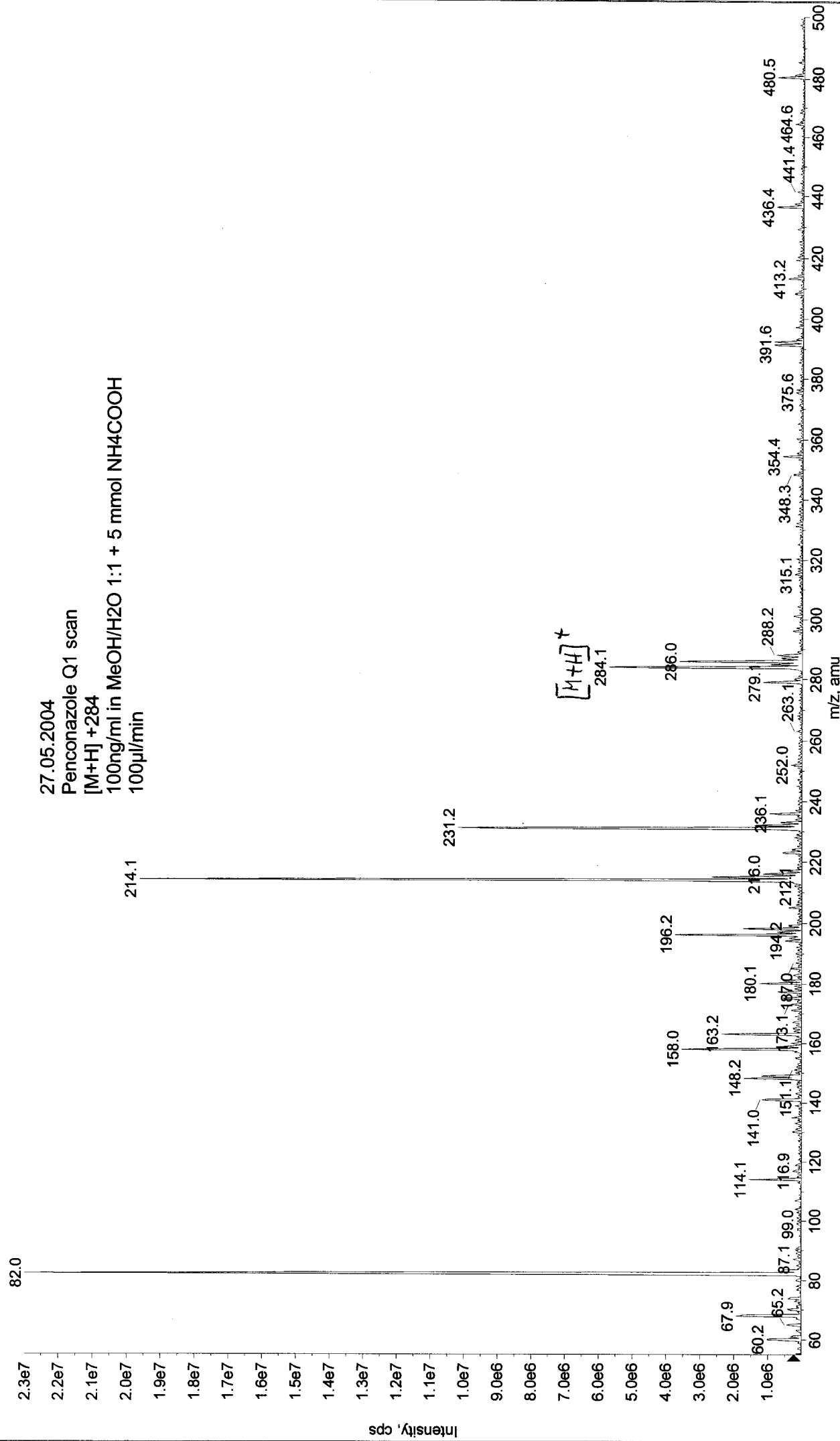
Sample Comment:

Sample Name: TunesSampleID

Batch Name: ManualTune.bat

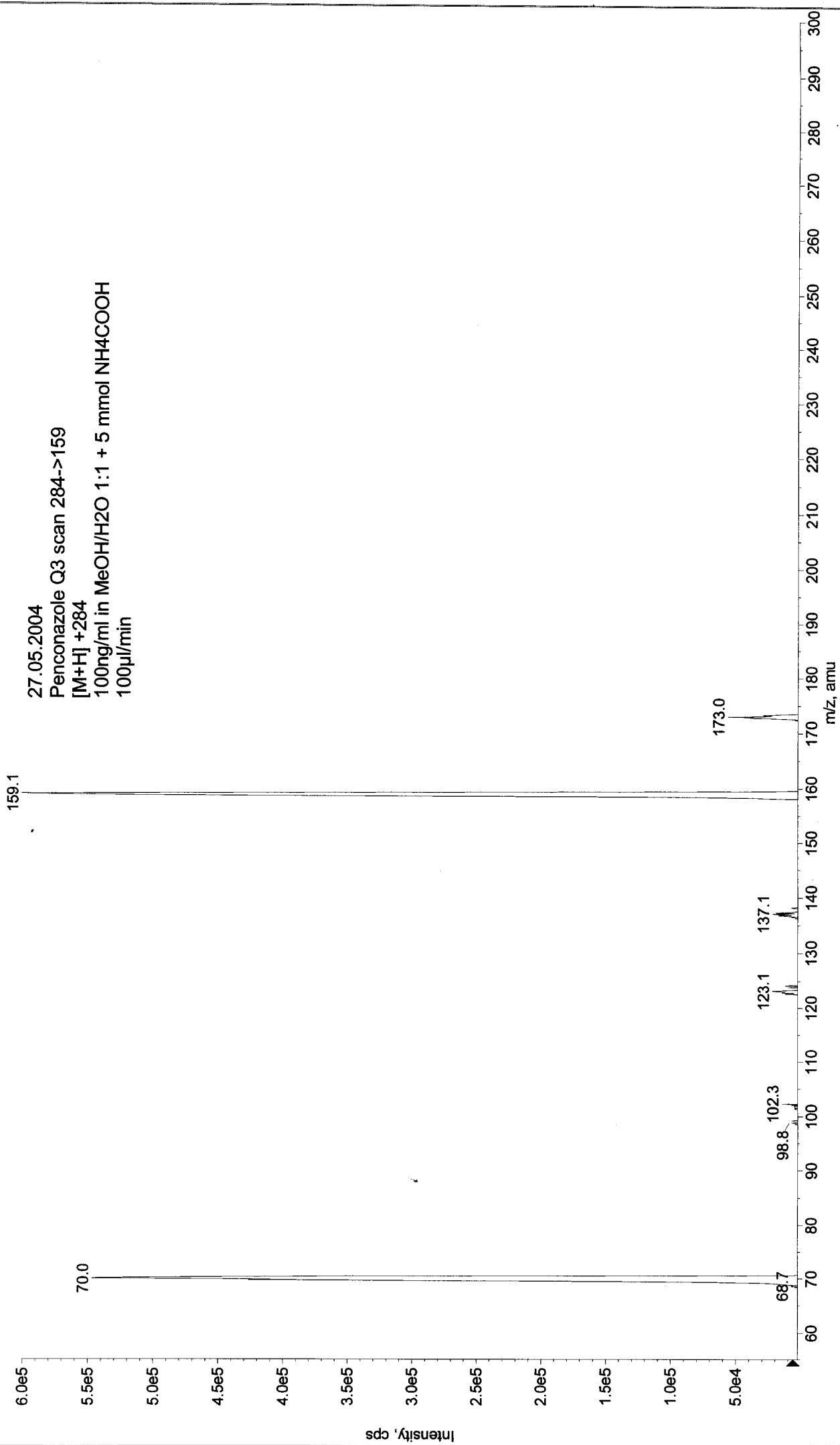
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040527120637.wiff (Turbo Spray)

Max. 2.3e7 cps.



Max. 6.0e5 cps

■ +MS2 (284.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040527121000.wiff (Turbo Spray)



Printing Time: 12:25:00
Printing Date: Thursday, May 27, 2004

Acq. Time: 12:23
Acq. Date: Thursday, May 27, 2004
Acq. File: MT20040527122327.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

